

DATASHEET

FUJITSU ESPRIMO Q1510 DESKTOP PC

THE SMALL, ENERGY-EFFICIENT ENTERTAINER FOR THE LIVING-ROOM AND THE OFFICE

ESPRIMO Q1510

The small elegant ESPRIMO Q1510 which can be personalised with a custom skin offers you all the advantages of a fully equipped ESPRIMO PC and much more besides. It has Intel® Core™ technology, full HDMI support, blu-ray drive and Microsoft® Windows® 7 operating system and is thus the ideal living-room entertainer. Whether surfing the Internet, processing pictures, listening to music or enjoying HD quality blu-ray disks – this is all possible without any problems thanks to its state-of-the-art technology. This extremely quiet device weighing only 1.4 kg makes it the energy-saver in the ESPRIMO PC series.



SMART AND STYLISH

Eye-catcher on every desk with a modern and exclusive design

- A fully equipped Mini PC weighing only 1.4 kg (1.6 liter volume)

SMALL IN STATURE, BUT BIG IN PERFORMANCE

Performance to meet all demands, in small format as well

- Intel® Core™ i3 processor, up to 4 GB memory, 500 GB hard disk drive and a 6-in-1 card reader

A BLACK SHELL AND A GREEN CORE

The most energy-efficient computer of our ESPRIMO series reduces your energy consumption

- Intel® mobile technology with power consumption of 19 Watts in idle mode and extended energy management settings

ENTERTAINER

The ideal living-room PC for music, films, photos and games.

- Remote control, blu-ray drive, full HDMI support and Microsoft Windows® 7 Home Premium



COMPONENTS

PROCESSOR	Intel® Celeron® processor P4500 (Dual Core, 1.86 GHz, Intel® GMA HD) Intel® Core™ i3 processor i3-330M (2C/4T, 2.13 GHz, Intel® HD Graphics)
MEMORY MODULES	1 GB (1 module(s) 1 GB) DDR3, non-ECC, 1066 MHz, PC3-8500, SO DIMM 2 GB (1 module(s) 2 GB) DDR3, non-ECC, 1066 MHz, PC3-8500, SO DIMM
HARD DISK DRIVES (INTERNAL)	SATA II, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T. SATA II, 5400 rpm, 500 GB, 2.5-inch SATA II, 5400 rpm, 320 GB, 2.5-inch SATA, 5400 rpm, 250 GB, 2.5-inch SATA, 5400 rpm, 160 GB, 2.5-inch
Hard disk notes	Supporting NCQ and 3 GBit
MODULAR BAY OPTIONS	Blu-ray Combo SATA Slot-in slim, SATA DVD Super Multi Slot-in slim, SATA
INTERFACE ADD ON CARDS/COMPONENTS (OPTIONAL)	
Base unit	ESPRIMO Q1510
MAINBOARD	
Formfactor	proprietary
Chipset	Intel® HM55
Processor socket	rPGA 988A
Processor quantity maximum	1
Memory slots	2 SO DIMM
Supported capacity RAM (max.)	4 GB
Memory frequency	1066 MHz
Memory notes	Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same In configurations with 4 GB the visible memory may be reduced to approximately 3.5 GB or less (for 32 bit operating systems, depending on system configuration)
LAN	10/100/1000 MBit/s Intel® 82577 LC
WLAN	optional
BIOS version	AMI Aptio 4.6
Audio codec	Realtek ALC662
Audio features	High Definition audio
I/O CONTROLLER ON BOARD	
Serial ATA total	3
thereof eSATA	1 (external on rear side)
Controller functions	Serial ATA II 3 GBit AHCI
INTERFACES	
Audio: line-in	1
Audio: line-in / microphone	1
Audio: line-out / headphones / SPDIF	1 (optical)
Front audio: headphone	-
Front audio: line-in / microphone	-
USB 2.0 total	6
USB front	2
USB rear	4
DVI	1

INTERFACES

HDMI	1
Ethernet (RJ-45)	1
Kensington Lock support	1
Multicardreader	6-in-1 (SD/MMC/RS MMC/xD/MS/MS Pro)
eSATA	1
Interface Module notes	Anytime USB charge functionality

INPUT DEVICE / COMPONENTS

Optical USB tilt wheel mouse
Remote control

DRIVE BAYS

Drive bays total	2
2.5-inch bays	1
5.25-inch external bays	1
Drive bay notes	slim slot-in

GRAPHICS ON BOARD

Graphics brand name	Intel® HD Graphics
Refresh rate 1024 x 768 (recommended / max.)	75 Hz / -
Refresh rate 1280 x 1024 (recommended / max.)	75 Hz / -
Refresh rate 1600 x 1200 (recommended / max.)	75 Hz / -
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
TFT resolution (HDMI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
Graphics features	DirectX® 10 support HDCP support

ELECTRICAL VALUES

Operating voltage range	100 - 240 V (AC Input)
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POWER CONSUMPTION

Power consumption note	See white paper Energy Consumption
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HEAT DISSIPATION

Heat dissipation notes	See white paper Energy Consumption
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NOISE FOR STANDARD CONFIGURATION (HDD, ODD, FDD)

Noise emission	According to ISO9296
Noise Operation mode 1: ODD load (Blue angel requirement)	4.22 B / 32.7 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	2.95 B / 19.8 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	3.88 B / 26.8 dB(A)
Noise Operation mode 4: High load	3.81 B / 27.2 dB(A)
Noise Operation mode 5: Office applications	3.06 B / 19.8 dB(A)
Idle mode (Blue Angel requirement)	tbd dB(A)

NOISE FOR STANDARD CONFIGURATION (HDD, ODD, FDD)

Noise notes / description	Noise for standard configuration CPU, HDD, ODD; A weighted sound power level L _{wad} (in B) / Workplace related A-weighted sound pressure level L _{pAm} (in dB(A)), (bystander position) (ISO9296)
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DIMENSIONS / WEIGHT / ENVIRONMENTAL

Dimensions (W x D x H)	165 x 168 x 57 mm
Weight	approx. 1.4 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35°C

COMPLIANCE

Product	ESPRIMO Q1510
Model	MPC-D1008
Europe	CE EN 60601-1-2
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

OPERATING SYSTEM

Operating system optional preinstalled	Microsoft® Windows® 7 Home Premium
Operating system notes	All Windows® 7 versions are Office 2007 ready.

ADDITIONAL SOFTWARE

Additional software (preinstalled)	Nero Essentials S (burning software)
Additional software (optional)	CyberLink PowerDVD BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive)
Additional software (included as a CD/DVD)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD)

SECURITY

Physical security	Kensington Lock support
System security	Boot sector virus protection
User security	Optional: Access protection via external SmartCard reader

PACKAGING INFORMATION

Packaging dimension	395x198x284 mm
Max. quantity / pallet	48
Material - Weight (g) Carton	670g
Material - Weight (g) EPS / PS	appr. 10 g
Material - Weight (g) PE	appr. 125 g
Packaging notes	printed user documentation is bleached in chlorin free process

WARRANTY

Service level	(depending on country)
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MAINTENANCE AND SUPPORT SERVICES - THE PERFECT EXTENSION

Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	3 years
Service Weblink	http://ts.fujitsu.com/Supportservice

FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu ESPRIMO Q1510, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

MORE INFORMATION

Learn more about Fujitsu ESPRIMO Q1510, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. <http://ts.fujitsu.com/ESPRIMO>

FUJITSU GREEN POLICY INNOVATION

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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2010-03-04 CE-EN